



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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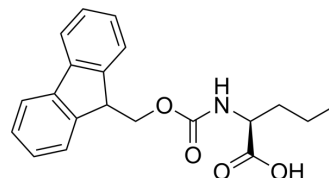
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## (S)-2-((((9H-Fluoren-9-yl)methoxy)carbonyl)amino)pentanoic acid

<b>Cat. No.:</b>	HY-W013207		
<b>CAS No.:</b>	135112-28-6		
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>21</sub> NO <sub>4</sub>		
<b>Molecular Weight:</b>	339.39		
<b>Target:</b>	Amino Acid Derivatives		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (294.65 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	2.9465 mL	14.7323 mL	29.4646 mL
		5 mM	0.5893 mL	2.9465 mL	5.8929 mL
10 mM		0.2946 mL	1.4732 mL	2.9465 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.37 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.37 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	(S)-2-((((9H-Fluoren-9-yl)methoxy)carbonyl)amino)pentanoic acid is a valine derivative <sup>[1]</sup> .
<b>In Vitro</b>	Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

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